

FORM PTO-1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO. ASTRX-0108

SERIAL NO. 10/067,498

APPLICANT James Castillo

FILING DATE February 4, 2002

GROUP 3764

(37 CFR 1.98(b))

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER & TRADEMARK	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FCM	D 2 6 9 3 7 9	06/1983	Bledsoe *			
	D 2 8 4 7 0 2	07/1986	Castillo *			
	D 2 9 8 5 6 8	11/1988	Womack *			
	D 3 1 8 7 3 6	07/1991	Castillo *			
	D 3 4 6 0 2 8	04/1994	Lengyel *			
	D 3 5 7 0 7 0	04/1995	Castillo *			
	1 3 9 0 9 1 5	09/1921	Loth *			
	2 5 3 1 4 8 6	11/1947	Weber *			
	2 8 8 3 9 8 2	04/1959	Rainey *			
	3 0 3 0 6 3 4	04/1962	Bair *			
	3 0 9 9 4 4 8	07/1963	Salvo et al. *			
FCM	3 3 8 7 3 0 5	06/1968	Shafer *			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
FCM	2 9 7 7 6 6 A	04/1989	European Pat. Off. *				
	1 4 9 1 5 6 9	07/1969	Germany *				X
	2 4 3 2 7 6 6	03/1975	Germany *				X
FCM	8 4 0 4 2 4 0	11/1984	WIPO *				

OTHER DOCUMENTS (Including Author, Title, Date**, Relevant Pages, Place of Publication***)

EXAMINER

J. C. Mark

DATE CONSIDERED

9/30/2004

EXAMINER: Initial citation considered. Draw line through citation if not in conformation and not considered. Include copy of this form with next communication to applicant.

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U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

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ATTY. DOCKET NO. ASTRX-0108

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U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

[illegible]

OTHER DOCUMENTS (Including Author, Title, Date**, Relevant Pages, Place of Publication***)

[illegible]

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7/30/2004

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(37 CFR 1.98(b))

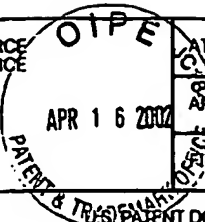
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PATENT DOCUMENTS													
EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FCM		3	6	6	9	1	0	5	05/1972	Castiglia *			
		3	7	7	9	6	5	4	12/1973	Home *			
		3	7	8	5	3	7	2	01/1974	Craig *			
		3	8	1	7	2	4	4	06/1974	Taylor *			
		3	9	0	0	8	9	8	08/1975	Kerman *			
		3	9	0	2	4	8	2	09/1975	Taylor *			
		3	9	2	8	8	7	2	12/1975	Johnson *			
		3	9	5	8	5	6	9	05/1976	Vosburgh *			
		4	1	3	6	4	0	4	01/1979	Lange *			
		4	1	6	9	4	6	7	10/1979	Rabischong et al. *			
		4	2	4	1	7	3	0	12/1980	Helfet *			
FCM		4	2	7	1	8	3	1	06/1981	Deibert *			

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													YES	NO

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PATENT & TRADE PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FCM	4 3 6 1 1 4 2	11/30/82	Lewis et al. *			
	4 3 7 2 2 9 8	02/08/83	Lerman *			
	4 3 8 1 7 6 8	05/03/83	Ericksen, et al. *			
	4 4 0 7 2 7 6	10/04/83	Bledsoe *			
	4 4 2 8 3 6 9	01/31/84	Peckham et al. *			
	4 4 8 7 2 0 0	12/11/84	Feanny et al. *			
	4 4 8 9 7 1 8	12/15/84	Martin *			
	4 4 9 3 3 1 6	01/15/85	Reed, et al. *			
	4 4 9 4 5 3 4	01/22/85	Hutson *			
	4 5 0 3 8 4 6	03/12/85	Martin *			
	4 5 2 3 5 8 5	06/18/85	Lamb et al. *			
FCM	4 5 5 4 9 1 3	11/26/85	Womack et al. *			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

PATENT PATENT OFFICE/CLASSIFICATION/CLASSIFICATION														
		DOCUMENT NUMBER							PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
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PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FCM	4 5 5 9 9 9 8	07/15/88	Castillo *			
	4 6 0 3 6 9 0	08/05/86	Skeen *			
	4 6 1 4 1 8 1	09/30/86	Karlsson *			
	4 6 2 0 5 3 2	11/04/86	Houswerth *			
	4 6 2 1 6 2 4	11/11/86	Rayboy *			
	4 6 2 8 9 1 6	12/16/86	Lerman et al. *			
	4 6 6 5 9 0 5	05/19/87	Brown *			
	4 6 8 1 0 9 7	07/21/87	Pansier *			
	4 6 9 7 5 8 3	10/06/87	Mason et al. *			
	4 6 9 9 1 2 9	10/13/87	Aaserude et al. *			
	4 7 1 5 3 6 3	12/29/87	Detty *			
FCM	4 7 2 3 5 3 9	02/09/88	Townsend *			

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JCM	4 7 5 3 2 4 0	12/20/88	Sparks *			
	4 7 9 1 9 1 6	12/20/88	Paez *			
	4 8 0 3 9 7 5	02/14/89	Mayers *			
	4 8 5 4 3 0 8	08/08/89	Ortino *			
	4 8 5 6 5 0 1	08/15/89	Castillo et al. *			
	4 8 8 6 0 5 4	12/12/89	Castillo et al. *			
	4 9 3 8 2 0 7	07/03/90	Vargo *			
	4 9 4 0 0 4 4	07/10/90	Castillo *			
	4 9 6 4 4 0 2	Grim et al.	10/23/90 *			
	4 9 8 6 2 6 4	01/22/91	Miller *			
	5 0 6 3 9 1 6	11/12/91	France et al. *			
FCM	5 1 2 1 7 4 2	06/16/92	Engen *			

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